

APRIL/MAY 2023

**CMB61 — MEDICAL VIROLOGY AND
PARASITOLOGY**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

- *1. Define virions.
2. Define viroids.
3. Explain SARS.
4. What is Hantavirus Pulmonary Syndrome?
5. What is Oncogenic virus?
6. Define Interferon.
7. Definite host.
8. Charcot leyden crystals – Define.
9. Define helminths.
10. What is Filariasis?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain general properties of Virus.

Or

- (b) Explain cultivation of virus by embryonated egg.

12. (a) Explain the structure of chickengunya virus.

Or

- (b) Write an account on Dengue virus.

13. (a) Write short notes on papova viruses.

Or

- (b) Elucidate on polyomavirus.

14. (a) Explain about thin smear blood film preparation.

Or

- (b) Illustrate laboratory diagnosis of *Entamoeba histolytica*.

15. (a) Write a detailed note on pathogenicity and lab diagnosis of *F. Hepatica*.

Or

- (b) Illustrate the life cycle of *T. Saginata* with neat diagram.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write detailed account on classification of viruses.

17. Write detailed account on pathogenicity of Rhabdo virus.

18. Give a detailed account on viral vaccines.

19. Write the life cycle, pathogenesis and laboratory diagnosis of *P.falciparum*.

20. Explain about pathogenicity and laboratory diagnosis of *Taenia solium*.